

Amendments to the Specification:

On page 1, please **add** the following paragraph, after the paragraph entitled "Cross-Reference to Related Applications":

INCORPORATION OF SEQUENCE LISTING

A paper copy of the Sequence Listing and a computer readable form of the sequence listing on diskette, containing the file named 16517308.APP, which is 18,206 bytes in size (measured in MS-DOS), and which was created on June 10, 2004, is herein incorporated by reference in its entirety.

Please delete the paragraph on page 63, line 36, to page 64, line 40, and replace it with the following paragraph:

The resulting amino acid sequence (SEQ. ID. NO. 3) differs from the amino acid sequence calculated without a bias (SEQ. ID. NO. 2). The relative accuracy of the two amino acid sequences can be determined by comparison to a known sequence. SEQ. ID. NO. 2 and SEQ. ID. NO. 3 are compared to the translation of the actin gene from *Arabidopsis thaliana, columbia* (SEQ. ID. NO. 4). Dashes indicate gaps in the sequence and asterisks indicate a match among all three sequences. The predicted amino acid sequences (SEQ. ID. NOs. 2 and 3) are based on an *Arabidopsis thaliana, landsberg* ecotype. A comparison of the predicted with a known *Arabidopsis thaliana, columbia* ecotype amino acid sequence (SEQ. ID. NO. 4) is shown below. The sequence set forth in Box A illustrates an area of the biased sequence that shows a higher level of identity with the *Arabidopsis thaliana, columbia* sequence.

unbiased	-XRFFRALX-AVLATPVXWLGWDKRMLMLETRLNQNVSX--LXSTQLSMELLIIG---M
biased	-XRFFRALX-AVLATPVXWLGWDKRMLMLETRLNQNVSX--LXSTQLSMELLIIG---M
columbia	GDDAPRAVFPSIVGRPR-HTGVMVGMGQKDAYVGDEAQSQRGILTLKYPIEHGIVNNWDD

unbiased TWRRFGITLSTMSFVLPLKNIRXLTEAPLNPKANREKMTQIMFETFNTPAMYVAIQAVLS
biased TWRRFGITLSTMSFVLPLKNIRXLTEAPLNPKANREKMTQIMFETFNTPAMYVAIQAVLS
columbia MEKIWHHTFYNELRVAPEEHPVLLTEAPLNPKANREKMTQIMFETFNTPAMYVAIQAVLS

unbiased LYASGRTTGQYITTTFFLYRXSGDGVSHTVPIYEGYALPHAILRRLDLAGRDLTDHLMKILT
biased LYASGRTTGQYITTTFFLYRXSGDGVSHTVPIYEGYALPHAILRRLDLAGRDLTDHLMKILT
columbia L-ASGRTTGG-----IVLDSGDGVSHTVPIYEGYALPHAILRRLDLAGRDLTDHLMKILT

unbiased ERGYSFTTTAEREIVRDMKEKLSYIALDFEQELETSTSSSVEKSFELPDGQVITIGAER
biased ERGYSFTTTAEREIVRDMKEKLSYIALDFEQELETSTSSSVEKSFELPDGQVITIGAER
columbia ERGYSFTTTAEREIVRDMKEKLSYIALDFEQELETSTSSSVEKSFELPDGQVITIGAER

unbiased FRCPEVLFFQPSMIGMENPGIHETTYNSIMKCDVDIRKDLYGNIVLSGGTTMFGGIGDRMS
biased FRCPEVLFFQPSMIGMENPGIHETTYNSIMKCDVDIRKDLYGNIVLSGGTTMFGGIGDRMS
columbia FRCPEVLFFQPSMIGMENPGIHETTYNSIMKCDVDIRKDLYGNIVLSGGTTMFGGIGDRMS

BOX A

unbiased KEITALAPSSMKIKVVAPPERKYSVWIGGSIX-----VPNLQMWIAKAEYXNLDRQSSTG
biased KEITALAPSSMKIKVVAPPERKYSVWIGGSILAS-----XQMWIAKAEYXNLDRQSSTG
columbia KEITALAPSSMKIKVVAPPERKYSVWIGGSILASLSTFQQMQMWIAKAEY-----DESG

unbiased SASDQKSPSKTRAVKILXNSSAVNFSTSYTLAIRLELSALIFLISLEIISSSIKWGMASS
biased SASDQKSPSKTRAVKILXNSSAVNFSTSYTLAIRLELSALIFLISLEIISSSIKWGMASS
columbia -----PS-----IVHRKCF-----

unbiased SICNSSKLSMKKQSX (SEQ ID NO: 2)
biased SICNSSKLSMKKQSX (SEQ ID NO: 3)
columbia ----- (SEQ ID NO: 4)